

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

<b>Manufactured For:</b> Triple S <b>Address:</b> 2 Executive Park Drive Billerica, MA 01862 <b>Phone #:</b> 800-323-2251	<b>Product Name:</b> Navigator Clear Out <b>Generic Name:</b> Glass Cleaner Concentrate <b>Chemical Family:</b> Solvent Detergent Blend <b>Formula:</b> Proprietary <b>Product Number:</b> 48253	HMIS Hazardous Materials Identification System <b>(Ready-to-Use product ONLY)</b> Health - 1 Flammability - 0 Reactivity - 0 Protection - A
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## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
2-Butoxyethanol	111-76-2	40 to 50	25 ppm	25 ppm	N/A
Sodium Lauryl Sulfate	151-21-3	0 to 5			
Dye	N/A	0 to 5			

## SECTION 3-PHYSICAL DATA

<b>Boiling Point (°F):</b> 212 F.	<b>Specific Gravity:</b> .882
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 99+ = 8.5 - 9.5)	<b>pH:</b> 11 - 12 (pH Use Dilution)
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> >1
<b>Physical Description:</b> Thin dark blue liquid with characteristic odor.	

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> 189 F. (TCC)
<b>Upper Explosion Limit:</b> n/a <b>Lower Explosion Limit:</b> n/a
<b>Extinguishing Media:</b> CO <sub>2</sub> , Dry Foam, Water Mist
<b>Special Firefighting Procedures:</b> Keep fire exposed containers cool with water.
<b>Unusual Fire and Explosion Hazards:</b> Self-contained breathing apparatus use in confined spaces.

## SECTION 5-REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Alkaline vapors in a fire.	<b>Incompatibility (Materials to Avoid):</b> Strong acids.

## SECTION 6-STORAGE AND HANDLING INFORMATION

WARNING Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

<b>Effects of Overexposure:</b>
<b>Skin:</b> May cause irritation with prolonged or repeated contact
<b>Eyes:</b> May be moderately irritating to eyes
<b>Inhalation:</b> Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.
<b>Ingestion:</b> Irritating to mouth, throat and gastrointestinal system. Nausea and vomiting may result from excess amounts.
<b>First Aid Procedures:</b>
<b>Skin:</b> Flush with water. Seek medical attention if irritation persists.
<b>Eyes:</b> Flush with large quantities of water. Seek medical attention if irritation persists.
<b>Inhalation:</b> Get to fresh air. Seek medical attention if irritation persists.
<b>Ingestion:</b> Immediately drink 2 glasses of water. Call poison control center. Seek medical attention.

## SECTION 8-SPECIAL PROTECTION INFORMATION

<b>Respiratory Protection:</b> Use in well-ventilated area.
<b>Ventilation Requirements:</b> No special requirements under normal use conditions
<b>Protective Gloves:</b> Solvent proof, e.g. rubber or neoprene.
<b>Eye Protection:</b> Chemical goggles, face shield when handling concentrate only.
<b>Other Protective Equipment:</b> No special requirements under normal use conditions

## SECTION 9-SPILL OR LEAK PROCEDURES

<b>Steps to be taken in Case Material is Released or Spilled:</b> Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
<b>Waste Disposal Method:</b> Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not disposal of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

<b>SARA Title III - Section 311/312 -Hazard Categories:</b>	<b>Shipping Information:</b>	<b>HMIS Hazardous Materials Identification System</b>	
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound	<b>Health</b>	<b>2</b>
No - Sudden Release of Pressure Hazard		<b>Flammability</b>	<b>0</b>
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound	<b>Reactivity</b>	<b>0</b>
Yes - Immediate (acute) Health Hazard		<b>Personal Protection</b>	<b>B</b>
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound		

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** ER# 888-779-1339 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
111-76-2	2-Butoxyethanol (Glycol Ether)	40 - 50%

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.

# MATERIAL SAFETY DATA SHEET

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

N/A=Not Applicable  
Effective Date: 6/10 Revision: n/a

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

**Product Name:** Ready-To-Use #53 Clear Out Glass & All Purpose Cleaner  
**Generic Name:** Glass Cleaner  
**Chemical Family:** Solvent/Detergent Blend  
**Formula:** Proprietary  
**Triple S Product No.:** 48253

**Manufactured For:** Triple S  
**Address:** 2 Executive Park Drive Billerica, MA 01862  
**Phone #:** 800-323-2251

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
2-Butoxyethanol	111-76-2	0 to 5			
Sodium Lauryl Sulfate	151-21-3	< 1.0			

## SECTION 3-PHYSICAL DATA

**Boiling Point (°F):** 212 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 99+  
**Solubility in Water:** Complete  
**Physical Description:** Thin light blue liquid with characteristic odor

**Specific Gravity:** 1.000  
**Vapor Density (Air=1):** >1  
**pH:** 9.0 – 9.5  
**Evaporation Rate (Water=1):** 1

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** N/A  
**Upper Explosion Limit:** N/A  
**Extinguishing Media:** N/A  
**Special Firefighting Procedures:** Non Flammable  
**Unusual Fire and Explosion Hazards:** N/A

## SECTION 5-REACTIVITY DATA

**Stability:** Stable  
**Hazards Decomposition Products:** Will not occur.

**Hazardous Polymerization:** None  
**Incompatibility (Materials to Avoid):** None

## SECTION 6-STORAGE AND HANDLING INFORMATION

CAUTION: Mild eye irritant. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** Pre-existing conditions such as dermatitis may be aggravated by prolonged or repeated contact.  
**Eyes:** Mildly irritating to eyes. May cause redness or swelling.  
**Inhalation:** N/A  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system.  
**First Aid Procedures:**  
**Skin:** N/A  
**Eyes:** Flush with large quantities of water. Seek medical attention if irritation persists.  
**Inhalation:** N/A  
**Ingestion:** Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** No special requirements.  
**Ventilation Requirements:** No special requirements  
**Protective Gloves:** Rubber gloves with repeated use.  
**Eye Protection:** N/A  
**Other Protective Equipment:** N/A

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to storm sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

### SARA Title III - Section 311/312 -Hazard Categories:

No - Fire Hazard  
No - Sudden Release of Pressure Hazard  
No - Reactivity Hazard  
No - Immediate (acute) Health Hazard  
No - Delayed (chronic) Health Hazard

### Shipping Information:

FOR CONTAINERS > 1 Gallon : Cleaning Compound  
FOR 1 GALLON CONTAINERS : Cleaning Compound  
FOR CONTAINERS < 1 GALLON : Cleaning Compound

### HMIS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

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## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product